

## Purchase Order Receipt Listing

*Monday, June 26, 2017 2:13:02 PM*

All Vendors PO ID PO36549 All Receipt Dates All Line Item Types  
 All Item ID/GL/WOs All Rec. Employees All Currencies  
 Grouped by Vendor ID

Purchase Order ID/ Line Nbr/ Curr Type/ Req	Line Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date/ Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name PO36549 1	VU-MET002	A.M. Castle & Co. (Canada) Inc.- C/O 910720 M7075T6S4.000X3.0 f 00	6/23/2017 6/23/2017	6/23/2017	6/23/2017	12.0000	0.0000	0	\$0.00	
USD No		7075-T6S Sheet 3" f Wide x 4" Thick Plate m137865		12.0000	PLOU01		0.0000	0		
2		M7075T6S6.000X0.2 f 50	6/23/2017 6/26/2017	6/23/2017	6/26/2017	12.0000 ✓	0.0000	0	\$0.00	
No		7075-T6S Sheet f 0.25" Wide x 6" Thick Plate m137887		12.0000	PLOU01		0.0000	0		
3		M7075T6S6.000X1.0 f 00	6/23/2017 6/26/2017	6/23/2017	6/26/2017	12.0000 ✓	0.0000	0	\$0.00	
No		7075-T6S Sheet 1" f Wide x 6" Thick Plate m137887		12.0000	PLOU01		0.0000	0		
4	71401-45	PROCUREMENT QUALITY CLAUSES m137865	6/23/2017 6/23/2017	6/23/2017	6/23/2017	1.0000	0.0000	0	\$0.00	
							0.0000	0		

Total Received Quantity: 37.0000  
 Total Qty to Inspect (PO U/M): 0.0000  
 Total Reject Quantity: 0.0000  
 Total Receipt Value: \$0.00  
 Total Balance Due Quantity: 0.0000



**Castle Metals®**

A. M. Castle & Co.

**PACKING SLIP /  
CERTIFICATE OF CONFORMANCE**

Page 1 of 1

Pack Slip No:2669430

<b>Ship From:</b> A. M. Castle & Co. Los Angeles 14001 Orange Avenue Paramount, CA 90723	<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		
<b>Date Shipped</b> 21-JUN-2017	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid	<b>Carrier</b> BO-SHIP DIRECT	<b>BOL No</b> 2681640	<b>Delivery No</b> 121118367
<b>Shipment Details</b>			<b>Final Destination Branch -</b>		
<b>Order No</b> 4779135	<b>Line No</b> 2	<b>Item No</b> 752054.M0	<b>Description</b> 3.0000 PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT RECTANGLE TO 4 IN ( + .1250/- .0000 IN) X 72 IN ( + .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12		
<b>Purchase Order No</b> 36549	<b>Part Number</b>	<b>Ordered Qty</b> 2.00 PCS	<b>Invoice Qty</b> 2.00 PCS		
<b>Details</b>	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavotie@dataero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS				
<b>Mill</b>	<b>Heat Number</b> 170334B7	<b>Mech ID</b>	<b>PCS</b> 2	<b>Width (IN)</b>	<b>Length (IN)</b> 178.0174
<b>Shipped Qty (LBS)</b>					

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative: \_\_\_\_\_ Date: \_\_\_\_\_ Name: \_\_\_\_\_

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

27 June 2017 12:26:19 PM

**SHIP TO:**  
 A M CASTLE & CO  
 14001 ORANGE AVE  
 P.O. BOX 1402  
 PARAMOUNT, CA 90723

**SOLD TO:**  
 AM CASTLE & CO- SOLD TO  
 1420 KENSINGTON RD  
 SUITE 220  
 OAK BROOK, IL 60523

**KAISER**  
**ALUMINUM**

Trentwood Works - Spokane, WA 99215  
 Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
 4415418

CUSTOMER PO NUMBER:		WORK PACKAGE:	CUSTOMER PART NUMBER:		SHIP RUN/LOAD:	GOVT CONTRACT NUMBER:
371337			752054		103536/15	
KAISER ORDER NO:	LINE ITEM:	SHIP DATE:	ALLOY:	CLAD:	TEMPER:	PRODUCT DESCRIPTION:
1209403	1	17-APR-2016	7075	BARE	T651	KaiserSelect Plate
WEIGHT SHIPPED:	QUANTITY:	TRUCK B/L #:	GAUGE: 3.0000 IN (76.2000 MM)	DIAMETER/WIDTH: 48.500 IN (1231.9 MM)	LENGTH: 144.500 IN (3670.3 MM)	
4344 LB	2 PCS EST.	2059793	DAS			

MHU 1988532: LOT 170334B7: 15 pieces;  
 MUH 1990260: LOT 170263B8: 0 pieces;

### Certified Specifications

AMS 4045/RevK  
 ASTM B 209/Rev14  
 BSS 7055/RevB  
 DPS 4.713/RevAK  
 PS 21211/RevP

AMS-QQ-A-250/12/RevA  
 ASTM B 594/Rev13  
 CMMP 025/RevU  
 GAMPS 9101/RevB/AmdSCN1

AMS-STD-2154/RevA  
 BAC 5439/RevJ  
 CSTI 006/RevE  
 GSS16100/RevG/Amd1

Test Code: 1512

### Test Results

Lot: 170263B8 Cast 179 Drop 43 Ingot 4 Melted in USA

(ASTM E8/B557)  
 (EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	76.0 : 77.0 (524 : 531)	64.6 : 66.3 (445 : 457)	10.4 : 10.6

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.17	1.5	0.03	2.5	0.20	5.9	0.03	0.01	0.01	TOT 0.06





Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4415418

Lot: 170334B7

Cast 179

Drop 26

Ingot 4

Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	76.9 : 77.0 (530 : 531)	65.6 : 66.4 (452 : 458)	10.5 : 11.2

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.17	1.5	0.03	2.4	0.20	5.7	0.03	0.01	0.01	TOT 0.05

### ALLOY LIMITS

7075	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

### Aluminum Remainder

### ORDER COMMENTS

AMC CA-15403C R 6

### TEST NOTES

Metal represented by this test report was 100% Type I (immersion) ultrasonically tested from one side with 3mm dead zones top and bottom and meets the Class A and Class B requirements of all specifications referenced on this test report. No surface marking of sonic indications is performed.

### CERTIFICATION

- Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO 9001:2008/AS9100C certified and hereby certifies that all material shipped under this order:
- \* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements.
  - \* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
  - \* has been thermally processed in compliance with AMS 2772, where applicable.
  - \* is mercury free, within the limits of detection of ASTM E1251 (< = 1ppm).
  - \* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
  - \* is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.
  - \* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd Frank Act.
- Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

INTERORG TRANSFER  
PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3308869

Ship From:		Sold To:		Ship To:		Deliver To:							
A. M. CASTLE & CO. 3050 S HYDRAULIC WICHITA, KS 67216 USA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON L5N 2K7 CAN		A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA							
Date Shipped		F.O.B.		Freight Terms		Carrier							
16-JUN-17		ORIGIN		Prepaid		ABF							
Shipment Details													
Final Destination Branch - TOR													
Order No	Line No	Item No	Item No	Description									
4784994	1	750023.MO		0.2500.PL.7075.T651.ALUMINUM.48.5000.144.5000 CUT 2SIDED TO 6 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12									
Purchase Order No	Part Number		Ordered Qty	Invoice Qty									
36549	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS		1.00 PCS	1.00 PCS									
Delivery No.	Mill	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty(LBS)						
121121437	KAUSER ALUMINUM			1			22.8550						

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 16-JUN-2017 02:13:19 PM

INTERORG TRANSFER  
PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

  
Allison Dugay

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

  
John De

<sup>3</sup> These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.  
Date Printed: 16-JUN-2017 02:13:19 PM

SHIP TO:  
A M CASTLE & CO  
3050 SOUTH HYDRAULIC  
WICHITA, KS 67216

SOLD TO:  
AM CASTLE & CO- SOLD TO  
1420 KENSINGTON RD  
SUITE 220  
OAK BROOK, IL 60523

**KAISER**  
**ALUMINUM**

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4438311

CUSTOMER PO NUMBER: 400174-1	WORK PACKAGE:	CUSTOMER PART NUMBER: 750023		SHIP RUN/LOAD: 103731/3	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1222864-1	SHIP DATE: 31-OCT-2016	ALLOY: 7075	CLAD: BARE	TEMPER: T651	PRODUCT DESCRIPTION: Sawed Plate
WEIGHT SHIPPED: 1080 LB	QUANTITY: 6 PCS EST.	TRUCK B/L #: 2063216	GAUGE: 0.2500 IN (6.3500 MM)	DIAMETER/WIDTH: 48.500 IN (1231.9 MM)	LENGTH: 144.500 IN (3670.3 MM)

MHU 2052582: LOT 195976B6: 6 pieces;

### Certified Specifications

AMS 4045/RevL  
CMMMP 025/RevV  
DAS

AMS-QQ-A-250/12/RevA

ASTM B 209/Rev14

Test Code: 1512  
Lot: 195976B6

Cast 302

Test Results  
Drop 11 Ingot 2

Melted In USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	87.8 : 89.0 (605 : 614)	78.1 : 78.9 (538 : 544)	11.1 : 11.8

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
Actual(wt%)	0.07	0.13	1.5	0.02	2.6	0.19	5.7	0.02	0.01	0.01	TOT	0.06

### ALLOY LIMITS

	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder

ORDER COMMENTS  
AMC CA-15409 R 3





Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4438311

### CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- \* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- \* All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- \* was melted in the United States of America or a qualifying country per DFARS 225.872-1(m), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- \* has been thermally processed in compliance with AMS 2772, where applicable.
- \* is mercury free, within the limits of detection of ASTM E1215 (<1ppm).
- \* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- \* is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- \* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- \* is free of weld repair.
- \* meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

Page 2 of 2



INTERORG TRANSFER  
PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3308869

Ship From:		Sold To:		Ship To:		Deliver To:	
A. M. CASTLE & CO. 3050 S HYDRAULIC WICHITA, KS 67216 USA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON CA		A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped		F.O.B.		Freight Terms		Carrier	
16-JUN-17		ORIGIN		Prepaid		ABF	
<b>Shipment Details</b>				<b>Final Destination Branch - TOR</b>			
Order No		Line No		Item No		Description	
4784994		2		752188.MO		1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 6 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	
Purchase Order No		Part Number		Ordered Qty		Invoice Qty	
36549		ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS		1.00 PCS		1.00 PCS	
Delivery No.		Heat Number		Mech Id		Width (IN)	
121121437		CONSTELLIUM ROLLED PRODUCTS		1		90.2818	

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 16-JUN-2017 02:13:19 PM

INTERORG TRANSFER  
PACKING SLIP/  
CERTIFICATE OF CONFORMANCE

Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.		
Reviewed by Authorized Castle Metals Representative:		Date: Name:

John Doe

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.  
Date Printed: 16-JUN-2017 02:13:19 PM



**CERTIFIED TEST REPORT**  
**Constellium Rolled Products**  
**Ravenswood, LLC**

S  
H  
I  
P  
T  
O

A M CASTLE CO  
 3050 SO HYDRAULIC  
 WICHITA KS  
 67216  
 US

S  
O  
L  
D  
T  
O

A M CASTLE  
 1420 KENSINGTON ROAD, SUITE 220  
 OAK BROOK IL  
 60523  
 US

A M CASTLE 110539772 4075 INCLUSION Serial:20170527-0110539772 Pg 1of4

CUSTOMER PURCHASE ORDER NO. & ITEM 419757				Constellium ORDER NO. 203735		<b>CERTIFICATION</b> <i>"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."</i> <b>Constellium Rolled Products Ravenswood, LLC</b> <i>859 Century Road    P.O. BOX 68    RAVENSWOOD, WV 26164 USA</i>   <i>Steve Good - Laboratory Manager</i>
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.00000 in 25.40 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm	
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH						
CUSTOMER SPECIFICATION AMS 4045K						
PART NUMBER 752188		B/L NUMBER 81388		DATE SHIPPED 05/29/2017		
WT. SHIPPED 5770.000 LB	NO. OF PIECES 000008	GOVT. CONTRACT NO.				

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

ASTM B594 REV 13 2013 100% SONIC W/ 0.125" DEADZONE Class A  
 AMS QQ-A-250/12A  
 AMS-STD-2154A 2012 TYPE1 CLASS A 100% SONIC MINUS DEADZONE  
 ASTM B209-14  
 BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE  
 CSTI006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE  
 DPS 4.713 REV AK 2012 CLASS A 100% SONIC MINUS DEADZONE  
 GAMPS 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE  
 PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

Load Details

Package	Net Lbs	Kg	Lot	DAS Piece	Serial	Parent Lot
1001522455	725.000	328.854	9387991	9-01		
1001522455	725.000	328.854	9387991	02		
1001522455	725.000	328.854	9387991	03		
1001522460	725.000	328.854	9387992	01		
1001522460	725.000	328.854	9387992	02		
1001522460	725.000	328.854	9387992	03		
1001522466	710.000	322.050	9387993	01		
1001522466	710.000	322.050	9387993	02		

Lot: 9387991

Tensile - Room Temperature (US)

Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)		Report
		Min	Max	Min	Max	Min	Max	
LT	02	79.8	80.5	70.1	72.3	13.0	13.0	





**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

S  
H  
I  
P  
T  
O

A M CASTLE CO  
3050 SO HYDRAULIC  
WICHITA KS  
67216  
US

S  
O  
L  
D  
T  
O

A M CASTLE  
1420 KENSINGTON ROAD, SUITE 220  
OAK BROOK IL  
60523  
US

A M CASTLE 110539772 4075			INCLUSION		Serial:20170527-0110539772 Pg 2 of 4			
CUSTOMER PURCHASE ORDER NO. & ITEM 419757			Constellium ORDER NO. 203735		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA   Steve Good - Laboratory Manager			
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.00000 in 25.40 mm	WIDTH 48.50000 in 1,232 mm			LENGTH 144.50000 in 3,670 mm	
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH								
CUSTOMER SPECIFICATION AMS 4045K								
PART NUMBER 752188	B/L NUMBER 81388		DATE SHIPPED 05/29/2017					
WT. SHIPPED 5770.000 LB	NO. OF PIECES 000008	GOVT. CONTRACT NO.						

Tensile - Room Temperature (SI)							
		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)	
Direction	Tests	Min	Max	Min	Max	Min	Max
LT	02	550	555	483	498	13.0	13.0

## Chemistry (Actual)

	SI	FE	CU	MN	MG	CR	ZN	TI	ZR
Core	0.05	0.16	1.38	0.03	2.48	0.20	5.45	0.04	0.01

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387992

Tensile - Room Temperature (US)							
		Ultimate (KSI)		Yield (KSI)		Elongation (%)	
Direction	Tests	Min	Max	Min	Max	Min	Max
LT	02	80.3	80.6	71.5	72.0	12.5	13.5





**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

S  
H  
I  
P  
T  
O

A M CASTLE CO  
3050 SO HYDRAULIC  
WICHITA KS  
67216  
US

S  
O  
L  
D  
T  
O

A M CASTLE  
1420 KENSINGTON ROAD, SUITE 220  
OAK BROOK IL  
60523  
US

A M CASTLE 110539772 4075 INCLUSION Serial:20170527-0110539772 Pg 3 of 4

CUSTOMER PURCHASE ORDER NO. & ITEM 419757						Constellium ORDER NO. 203735	CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA						
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.00000 in 25.40 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm								
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH													
CUSTOMER SPECIFICATION AMS 4045K													
PART NUMBER 752188	B/L NUMBER 81388		DATE SHIPPED 05/29/2017										
WT. SHIPPED 5770.000 LB	NO. OF PIECES 000008	GOVT. CONTRACT NO.											

*Steve Good*  
Steve Good - Laboratory Manager

Tensile - Room Temperature (SI)							
Direction	Tests	Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)	
		Min	Max	Min	Max	Min	Max
LT	02	554	556	493	496	12.5	13.5

Chemistry (Actual)

	SI	FE	CU	MN	MG	CR	ZN	TI	ZR
Core	0.05	0.16	1.38	0.03	2.48	0.20	5.45	0.04	0.01

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387993

Tensile - Room Temperature (US)							
Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)	
		Min	Max	Min	Max	Min	Max
LT	02	79.9	80.8	70.4	71.5	13.0	13.5





**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

S  
H  
I  
P  
T  
O

A M CASTLE CO  
3050 SO HYDRAULIC  
WICHITA KS  
67216  
US

S  
O  
L  
D  
T  
O

A M CASTLE  
1420 KENSINGTON ROAD, SUITE 220  
OAK BROOK IL  
60523  
US

A M CASTLE      110539772      4075			INCLUSION		Serial:20170527-0110539772      Pg 4of4																										
CUSTOMER PURCHASE ORDER NO. & ITEM 419757				Constellium ORDER NO. 203735																											
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.00000 in 25.40 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm	<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA   Steve Good - Laboratory Manager																									
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH																															
CUSTOMER SPECIFICATION AMS 4045K																															
PART NUMBER 752188		B/L NUMBER 81388		DATE SHIPPED 05/29/2017																											
WT. SHIPPED 5770.000 LB	NO. OF PIECES 000008	GOVT. CONTRACT NO.																													
<b>Tensile - Room Temperature (SI)</b> <table border="1"> <thead> <tr> <th colspan="3">Ultimate (N/MM2)</th> <th colspan="2">Yield (N/MM2)</th> <th colspan="2">Elongation (%)</th> <th>Report</th> </tr> <tr> <th>Direction</th> <th>Tests</th> <th>Min</th> <th>Max</th> <th>Min</th> <th>Max</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>LT</td> <td>02</td> <td>551</td> <td>557</td> <td>485</td> <td>493</td> <td>13.0</td> <td>13.5</td> </tr> </tbody> </table>								Ultimate (N/MM2)			Yield (N/MM2)		Elongation (%)		Report	Direction	Tests	Min	Max	Min	Max	Min	Max	LT	02	551	557	485	493	13.0	13.5
Ultimate (N/MM2)			Yield (N/MM2)		Elongation (%)		Report																								
Direction	Tests	Min	Max	Min	Max	Min	Max																								
LT	02	551	557	485	493	13.0	13.5																								
<b>Chemistry (Actual)</b> <table border="1"> <thead> <tr> <th></th> <th>SI</th> <th>FE</th> <th>CU</th> <th>MN</th> <th>MG</th> <th>CR</th> <th>ZN</th> <th>TI</th> <th>ZR</th> </tr> </thead> <tbody> <tr> <td>Core</td> <td>0.05</td> <td>0.16</td> <td>1.38</td> <td>0.03</td> <td>2.48</td> <td>0.20</td> <td>5.45</td> <td>0.04</td> <td>0.01</td> </tr> </tbody> </table>									SI	FE	CU	MN	MG	CR	ZN	TI	ZR	Core	0.05	0.16	1.38	0.03	2.48	0.20	5.45	0.04	0.01				
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR																						
Core	0.05	0.16	1.38	0.03	2.48	0.20	5.45	0.04	0.01																						
OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																															
All material contained in this lot was cast and manufactured in the USA																															
QUALITY TEXTS: AMC CA-15403 R 8																															
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. CHEMISTRY BY OES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557 DUNS Number: 090570149; CAGE Code: 1YWL9 Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"																															



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075t654 max3,000  
 DATE: JUN 28 2017

PO / BATCH NO.: 0036549/M137865

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 3"  
 THICKNESS RECEIVED: 3"  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<u>ASTM B209</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<u>H7 H 170334B7</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>5</u> DATE: <u>9-89 JUN 28 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70757CS6,000X0,250

PO / BATCH NO.: P036549/M137887

DATE: JUN 27 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .250"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .250"

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: A1/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: A1/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Astm B209
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	H+ #195976B6
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
DAS	
INSPECTED BY: <u>5</u>	SIGNED OFF BY: _____
DATE: <u>9-88 JUN 27 2017</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

## SPECIFICATION CONTROL DRAWING

**A** PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12  
OR AMS 4045  
OR ASTM B209

OR

**A** PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  
**B** SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13  
OR AMS 4048/ 4049  
OR ASTM B209

**A** PART NUMBER:

M7075T6S | TTT | X | W.WWW |  
| THK | / WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY .050" THICK PLATE = M7075T6S.500X3.500

**A** PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

### RELEASED

2017 JUN 19 ✓  
ECN 17-574

APPROVED		B		A	
DESIGN	RF	ADD: REF TO PLATE: "T651-TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)	CP	17.05.05	CP
REV.	RF	NEW ISSUE	RF	10.11.08	RF
DRAWN	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	BY	DATE	A
CHECKED	ML	DRAWING NO. M7075T6S	REV. B	SHEET 1 OF 1	
MFG. APPR.	LL	TITLE	SCALE	NTS	
APPROVED	WM	DATE	17.05.05		
DE APPR.	DS-#				

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+656,000X1,000  
 DATE: JUN 27 2017

PO / BATCH NO.: 0036549/M137887

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12  
 QUANTITY INSPECTED: 12  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1"  
 THICKNESS RECEIVED: 1"  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	( <u>N</u> )	
CORRECT FINISH	( <u>Y</u> )	N	
CORROSION	Y	( <u>N</u> )	
CORRECT GRAIN DIRECTION	( <u>Y</u> )	N	
CORRECT MATERIAL PER M-DRAWING	( <u>Y</u> )	N	Astm B209
CORRECT THICKNESS	( <u>Y</u> )	N	
PHOTO REQUIRED	Y	( <u>N</u> )	
CORRECT REF # TO LINK CERT	( <u>Y</u> )	N	HT#9387991
CORRECT MATERIAL IDENTIFICATION	( <u>Y</u> )	N	
CORRECT M# ON THE MATERIAL	( <u>Y</u> )	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	( <u>N</u> )	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	( <u>N</u> )	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

QC 18 INSPECTION	DAS	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>5</u> <u>9-89</u>		SIGNED OFF BY: _____
DATE: <u>JUN 27 2017</u>		DATE: _____

**Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in**

# SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE  
 SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12  
 OR AMS 4045  
 OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  
 SPECIFICATION:  
 △ QQ-A-250/13 OR AMS-QQ-A-250/13  
 OR AMS 4048 / 4049  
 OR ASTM B209

△ PART NUMBER:

M7075T6S | TTT | X | W.WWW |  
 THK | WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)  
 AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.50" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

**RELEASED**  
 2017 JUN 19 ✓  
 ECN 11-574

**APPROVED**

B	ADD: REF TO "PLATE" "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)		CP	17.05.05
A	NEW ISSUE		RF	10.11.08
REV.		DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	CP	DRAWING NO.		
CHECKED	ML	M7075T6S	REV. B	
MFG. APPR.	LL			
APPROVED	WM	TITLE		SCALE
DE APPR.	DS	7075-T6 SHEET/PLATE SPEC	NTS	
DATE	17.05.05			

THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL, AND IS SPEDER IN THE EXPRESS CONDITION THAT IT IS

NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT

WRITTEN APPROVAL FROM DART AEROSPACE LTD.



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO36549**

Purchase Order Date 6/2/2017  
PO Print Date 6/22/2017

Page Number 1 of 2

**Order From :** METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

VU-MET002

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

REVISÉO PW:

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Customer POID	
Ship To Contact	Customer Tax #	10127-2607
Ship To Phone	Terms	Net 30
Ship Via: Yours ppd	Currency	USD
Ship Acct:	FOB	Destination-Collect

m137865

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M7075T6S4.000X3.000	7075-T6S Sheet 3" Wide x 4" Thick Plate	6/22/2017	FN	12.00	\$76.08	\$913.00

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: PLEASE CUT IN SECTION OF 6 FT LENGTH

2	M7075T6S6.000X0.250	7075-T6S Sheet 0.25" Wide x 6" Thick Plate	6/22/2017	FN	12.00	Line Total: \$913.00
---	---------------------	--	-----------	----	-------	----------------------

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$249.00
----------------------

Note:



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO36549**

Purchase Order Date 6/2/2017  
PO Print Date 6/22/2017

Page Number 2 of 2

**Order From :** VU-MET002

METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

Buyer Chantal Lavoie

**Vendor Phone**

Customer POID

**Ship To Contact**

Customer Tax # 10127-2607

**Ship To Phone**

Terms Net 30

**Ship Via:** Yours ppd

Currency USD

**Ship Acct:**

FOB Destination-Collect

3 M7075T6S6.000X1.000	7075-T6S Sheet 1" Wide x 6" Thick Plate	✓	6/22/2017 FN	12.00 ✓	\$44.25	\$531.00
Yes f						
6/22/2017						

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

				<b>Line Total:</b>	<b>\$531.00</b>
--	--	--	--	--------------------	-----------------

4 71401-45	PROCUREMENT QUALITY CLAUSES	✓	6/22/2017	1.00 ✓	\$0.00	\$0.00
No						
6/22/2017						

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

SAT 6/24

				<b>Line Total:</b>	<b>\$0.00</b>
--	--	--	--	--------------------	---------------

				<b>PO Total:</b>	<b>\$1,693.00</b>
--	--	--	--	------------------	-------------------

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.